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Production of
ICE CREAM
and
RELATED FROZEN PRODUCTS
DECEMBER 1970

U. S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
Crop Reporting Board
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ICE CREAM PRODUCTION

Ice cream production in the United States during December was estimated at 53,770,000 gallons--up 2 percent from December 1969 and a new record high for the month, the Crop Reporting Board reports. The year's total of 765,435,000 gallons was about the same as in 1969, but 1 percent below the annual total in 1968.

Output increased 4 percent from November to December, compared with 7 percent in 1969, but a decrease of 5 percent between these months in 1968. Temperatures during December averaged above normal from the Southern Great Plains to the Atlantic coast, as far north as New Jersey. Below-normal temperatures predominated over the southwest, northwest, northern Great Plains, Great Lakes area and the New England States.

Compared with December 1969, changes in ice cream production by regions were mixed. Increases varied from 2 percent in the Mountain States to 8 percent in the South Central. Other gains were 3 percent in the West North Central Region and 7 percent in the North Atlantic. Output was down 2 percent in both the East North Central and South Atlantic Regions and 7 percent in the Pacific. In the three leading ice cream producing states, production was down 7 percent in California, but was up 7 percent in Pennsylvania and 13 percent in New York.

Ice cream production showed advances from November to December in all regions except the North Atlantic, where it was off 1 percent and the South Central, where it held about steady. The increases varied from 5 percent in both the East North Central and South Atlantic States to 11 percent in the West North Central. In the West, production was up 8 percent in both the Mountain and Pacific Regions. Advances in the three leading states were 4 percent in Pennsylvania, 7 percent in New York and 9 percent in California.

Note: Annual production figures of ice cream by states, 1968, 1969, and 1970 are shown on page 5.

PRODUCTION OF ICE CREAM, BY MONTHS, UNITED STATES 1970

MONTH	ENUMERATED		ESTIMATED	CHANGE FROM:	
	1968	1969	1970	1968	1969
		Thousand Gallons		Percent	
January	53,417	53,735	52,615	- 2	- 2
February	56,256	53,759	54,970	- 2	+ 2
March	61,375	60,881	63,900	+ 4	+ 5
April	66,236	63,699	62,580	- 6	- 2
May	69,427	68,381	68,160	- 2	0
June	73,143	74,988	74,105	+ 1	- 1
July	81,346	82,438	79,390	- 2	- 4
August	79,386	76,105	74,285	- 6	- 2
September	67,280	68,512	68,800	+ 2	0
October	63,396	61,390	60,990	- 4	- 1
November	52,165	49,554	51,870	- 1	+ 5
December	49,780	52,878	53,770	+ 8	+ 2
TWELVE MONTH TOTAL	773,207	766,320	765,435	- 1	0

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PRODUCTION OF ICE CREAM, BY STATES, DECEMBER 1970

STATE AND GEOGRAPHIC DIVISION	ENUMERATED		ESTIMATED		CHANGE FROM:	
	DECEMBER 1968	DECEMBER 1969	NOVEMBER 1970	DECEMBER 1970	DEC. 1969	NOV. 1970
	Thousand Gallons				Percent	
Maine	293	308	345	295	- 4	- 14
Massachusetts	2,672	2,638	3,220	2,730	+ 3	- 15
Connecticut	857	978	1,050	1,100	+ 12	+ 5
New York	4,747	4,813	5,100	5,460	+ 13	+ 7
New Jersey	1,142	1,221	1,310	1,130	- 7	- 14
Pennsylvania	4,899	5,257	5,400	5,640	+ 7	+ 4
Other N.A. States.	216	215	240	180	- 16	- 25
NO. ATLANTIC STATES	14,826	15,430	16,665	16,535	+ 7	- 1
Ohio	3,051	3,379	3,100	3,200	- 5	+ 3
Indiana	1,660	1,625	1,660	1,760	+ 8	+ 6
Illinois	2,911	2,852	2,640	2,850	0	+ 8
Michigan	2,457	2,531	2,280	2,440	- 4	+ 7
Wisconsin	1,550	1,525	1,470	1,480	- 3	+ 1
E. N. CENTRAL STATES	11,629	11,912	11,150	11,730	- 2	+ 5
Minnesota	1,798	2,191	1,930	2,200	0	+ 14
Iowa	677	596	520	570	- 4	+ 10
Missouri	1,081	1,248	1,280	1,290	+ 3	+ 1
North Dakota	208	240	235	280	+ 17	+ 19
South Dakota	104	20	20	20	0	0
Nebraska	670	711	690	730	+ 3	+ 6
Kansas	420	523	465	590	+ 13	+ 27
WEST NO. CENT. STATES	4,958	5,529	5,140	5,680	+ 3	+ 11
District of Columbia	599	468	215	275	- 41	+ 28
Maryland.....	1,034	1,204	1,150	1,380	+ 15	+ 20
Virginia.....	579	689	710	670	- 3	- 6
West Virginia.....	245	227	140	140	- 38	0
North Carolina.....	1,028	1,069	1,200	980	- 8	- 18
Georgia	498	564	550	600	+ 6	+ 9
Florida	1,405	1,566	1,480	1,610	+ 3	+ 9
Other S.A. States..	688	519	425	505	- 3	+ 19
SO. ATLANTIC STATES	6,076	6,306	5,870	6,160	- 2	+ 5
Kentucky	323	357	310	315	- 12	+ 2
Tennessee	886	903	1,020	1,000	+ 11	- 2
Alabama.....	516	517	580	650	+ 26	+ 12
Mississippi	192	234	160	170	- 27	+ 6
Arkansas	164	159	250	225	+ 42	- 10
Louisiana	568	593	540	650	+ 10	+ 20
Oklahoma	392	368	390	300	- 18	- 23
Texas	1,511	1,758	2,020	1,980	+ 13	- 2
SO. CENTRAL STATES	4,552	4,889	5,270	5,290	+ 8	0
Montana	130	127	110	115	- 9	+ 5
Idaho	225	234	250	260	+ 11	+ 4
Colorado	493	516	410	525	+ 2	+ 28
Arizona	291	349	340	360	+ 3	+ 6
Utah	286	291	310	290	0	- 6
Other Mt. States..	173	207	215	215	+ 4	0
MOUNTAIN STATES	1,598	1,724	1,635	1,765	+ 2	+ 8
Washington	894	958	910	920	- 4	+ 1
Oregon	423	453	400	420	- 7	+ 5
California	4,651	5,523	4,685	5,120	- 7	+ 9
PACIFIC STATES	5,968	6,934	5,995	6,460	- 7	+ 8
UNITED STATES 1/	49,780	52,878	51,870	53,770	+ 2	+ 4

1/ Includes Alaska and Hawaii.

Ice milk production in the United States during December was set at 15,095,000 gallons. This is 4 percent larger than the December output in 1969, 17 percent above December 1968 and a new record high for the month. Total production in 1970 was up 1 percent from 1969 and 7 percent from 1968.

From November to December, an advance of 2 percent contrasts with decreases between these months of 2 percent in 1969 and 8 percent in 1968. Production declined in the North Atlantic and West North Central States, but showed advances in all other regions.

Compared with December 1969, decreases in the South Atlantic States and the West were more than offset by increases in the remainder of the country.

PRODUCTION OF ICE MILK, BY MONTHS, UNITED STATES 1970

MONTH	ENUMERATED		ESTIMATED	CHANGE FROM:	
	1968	1969	1970	1968	1969
	Thousand Gallons			Percent	
January	13,223	14,580	14,650	+ 11	+ 1
February	15,012	15,338	16,330	+ 9	+ 6
March	18,780	19,642	20,305	+ 8	+ 3
April	22,947	24,173	24,160	+ 5	0
May	26,453	28,926	28,505	+ 8	- 1
June	29,862	30,994	32,065	+ 7	+ 3
July	33,231	34,680	34,095	+ 3	- 2
August	31,277	31,554	31,335	0	- 1
September	23,020	24,889	25,225	+ 10	+ 1
October	19,173	20,990	21,045	+ 10	0
November	13,985	14,803	14,810	+ 6	0
December	12,933	14,474	15,095	+ 17	+ 4
TWELVE MONTH TOTAL	259,896	275,043	277,630	+ 7	+ 1

SHERBET PRODUCTION

December production of Sherbet in the United States was estimated at 3,025,000 gallons--down 1 percent from December 1969, but up 17 percent from two years earlier. Total output during 1970 was 2 percent smaller than in 1969, but was 4 percent larger than the annual production in 1968.

Output increased 1 percent from November to December in 1970, compared with 12 percent in 1969 and a decrease of 2 percent between these months in 1968. Production held steady in the West North Central States, but decreased sharply in the North Atlantic and East North Central Regions. Advances occurred in all other regions.

Compared with December 1969, production decreases in the North Atlantic, both North Central Regions and the Pacific more than offset increases in the remainder of the country.

PRODUCTION OF SHERBET, BY MONTHS, UNITED STATES 1970

MONTH	ENUMERATED		ESTIMATED	CHANGE FROM:	
	1968	1969	1970	1968	1969
	Thousand Gallons			Percent	
January	2,886	3,217	3,095	+ 7	- 4
February	3,103	3,185	3,200	+ 3	0
March	3,596	3,914	4,095	+ 14	+ 5
April	4,387	4,616	4,345	- 1	- 6
May	4,862	5,241	5,115	+ 5	- 2
June	5,649	5,962	5,725	+ 1	- 4
July	6,389	6,584	6,150	- 4	- 7
August	5,737	5,688	5,555	- 3	- 2
September	3,945	4,573	4,385	+ 11	- 4
October	3,469	3,631	3,750	+ 8	+ 3
November	2,635	2,736	2,990	+ 13	+ 9
December	2,575	3,066	3,025	+ 17	- 1
TWELVE MONTH TOTAL	49,233	52,413	51,430	+ 4	- 2

"MELLORINE-TYPE" FROZEN DESSERTS PRODUCTION

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U.S. production of Mellorine and other frozen desserts made with fats and oils other than milkfat in December was estimated at 3,250,000 gallons--a new record high for the month. Output at this level is 1 percent larger than in 1969 and 10 percent greater than in 1968. Total production during 1970 was off 6 percent from 1969 and 7 percent from 1968.

Production advanced 7 percent from November to December, compared with 1 percent at this time in 1969 and a decrease of 11 percent two years earlier. Increases occurred in Louisiana, Texas, Arizona and California, while no change in production was noted in Oklahoma, Montana and Oregon. All other Mellorine-producing states had decreases.

Compared with December 1969, increases in Louisiana and Texas more than offset decreases in most other states.

PRODUCTION OF "MELLORINE-TYPE" FROZEN DESEERTS, BY MONTHS, UNITED STATES 1970

MONTH	ENUMERATED		ESTIMATED	CHANGE FROM:	
	1968	1969	1970	1968	1969
	Thousand Gallons			Percent	
January	3,570	3,825	3,370	- 6	- 12
February	3,952	3,679	3,685	- 7	0
March	4,466	4,292	4,400	- 1	+ 3
April	4,944	4,955	4,680	- 5	- 6
May	5,355	5,268	4,905	- 8	- 7
June	5,759	5,598	5,185	- 10	- 7
July	6,182	6,233	5,605	- 9	- 10
August	6,039	5,699	5,310	- 12	- 7
September	4,813	5,073	4,740	- 2	- 7
October	4,488	4,615	4,025	- 10	- 13
November	3,308	3,167	3,025	- 9	- 4
December	2,953	3,204	3,250	+ 10	+ 1
TWELVE MONTH TOTAL	55,829	55,608	52,180	- 7	- 6

ANNUAL PRODUCTION OF ICE CREAM, BY STATES, 1968, 1969, and 1970

STATE AND GEOGRAPHIC DIVISION	ENUMERATED		ESTIMATED	PERCENT CHANGE FROM:	
	1968	1969	1970	1968	1969
	Thousand Gallons			Percent	
Maine	4,106	4,243	4,185	+ 2	- 1
Massachusetts	40,173	39,609	40,170	0	+ 1
Connecticut	12,131	14,750	15,000	+ 24	+ 2
New York	75,762	72,379	70,350	- 7	- 3
New Jersey	21,865	18,686	18,400	- 16	- 2
Pennsylvania	72,764	74,174	74,880	+ 3	+ 1
Other N.A. States...	4,040	3,569	3,560	- 12	0
NO. ATLANTIC STATES	230,841	227,413	226,545	- 2	0
Ohio	46,889	47,964	45,500	- 3	- 5
Indiana	26,581	24,340	25,230	- 5	+ 4
Illinois	43,534	40,772	38,600	- 11	- 5
Michigan	36,527	36,027	35,790	- 2	- 1
Wisconsin	22,225	21,330	21,695	- 2	+ 2
E. N. CENTRAL STATES	175,756	170,433	166,815	- 5	- 2
Minnesota	25,277	27,163	28,240	+ 12	+ 4
Iowa	10,095	8,662	8,115	- 20	- 6
Missouri	16,454	18,760	19,090	+ 16	+ 2
North Dakota	2,911	3,054	3,325	+ 14	+ 9
South Dakota	1,518	1,034	260	- 83	- 75
Nebraska	10,111	10,202	10,200	+ 1	0
Kansas	6,668	6,904	7,545	+ 13	+ 9
WEST NO. CENT. STATES	73,034	75,789	76,775	+ 5	+ 1
District of Columbia.	8,295	7,723	3,445	- 58	- 55
Maryland.....	14,917	14,785	16,260	+ 9	+ 10
Virginia.....	9,810	10,359	9,850	0	- 5
West Virginia.....	3,724	3,751	2,655	- 29	- 29
North Carolina.....	18,224	18,920	18,740	+ 3	- 1
Georgia.....	9,316	9,158	10,305	+ 11	+ 13
Florida.....	21,075	21,302	21,420	+ 2	+ 1
Other S.A. States...	10,437	7,761	7,980	- 24	+ 3
SO. ATLANTIC STATES	95,798	93,759	90,655	- 5	- 3
Kentucky.....	5,788	5,739	5,695	- 2	- 1
Tennessee.....	15,318	15,105	16,010	+ 5	+ 6
Alabama.....	9,242	9,554	10,240	+ 11	+ 7
Mississippi	3,787	3,733	3,465	- 9	- 7
Arkansas	2,952	2,894	3,150	+ 7	+ 9
Louisiana	9,418	9,646	9,770	+ 4	+ 1
Oklahoma	6,156	6,234	5,725	- 7	- 8
Texas	27,788	28,978	30,975	+ 11	+ 7
SO. CENTRAL STATES	80,449	81,893	85,030	+ 6	+ 4
Montana	2,012	1,854	1,790	- 11	- 3
Idaho	3,408	3,507	3,365	- 1	- 4
Colorado	7,573	6,933	7,065	- 7	+ 2
Arizona	4,288	4,688	5,210	+ 22	+ 11
Utah	4,569	4,462	4,360	- 5	- 2
Other Mt. States....	2,826	2,967	3,250	+ 15	+ 10
MOUNTAIN STATES	24,676	24,411	25,040	+ 1	+ 3
Washington	13,816	13,923	14,425	+ 4	+ 4
Oregon	6,700	6,574	6,735	+ 1	+ 2
California	69,806	70,034	71,320	+ 2	+ 2
PACIFIC STATES	90,322	90,531	92,480	+ 2	+ 2
UNITED STATES 1/	773,207	766,320	765,435	- 1	0

1/ Includes Alaska and Hawaii.

